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Rago et al.

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(54) **SLURRY DISTRIBUTOR WITH A WIPING MECHANISM, SYSTEM, AND METHOD FOR USING SAME**

USPC 239/104, 106, 114, 116, 117
See application file for complete search history.

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Related U.S. Application Data

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(58) **Field of Classification Search**
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(57) **ABSTRACT**

A slurry distributor can include a distribution conduit and a slurry wiping mechanism. The distribution conduit extends generally along a longitudinal axis and includes an entry portion, a distribution outlet in fluid communication with the entry portion, and a bottom surface extending between the entry portion and the distribution outlet. The distribution outlet extends a predetermined distance along a transverse axis, which is substantially perpendicular to the longitudinal axis. The slurry wiping mechanism includes a movable wiper blade in contacting relationship with the bottom surface of the distribution conduit. The wiper blade is reciprocally movable between a first position and a second position over a clearing path, which is disposed adjacent the distribution outlet.

25 Claims, 82 Drawing Sheets
(18 of 82 Drawing Sheet(s) Filed in Color)

